

[54] INTRAOCULAR PROSTHESES

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[57] ABSTRACT

An intraocular prosthesis (56) for implanting in an annular void extending radially into the tissues of the eye. The prosthesis is a circular, transparent, elastomeric optical element (57) having a peripheral edge and a non-rigid or flexible porous skirt (68) which extends radially from the periphery of the element. The skirt encircles the element and is positioned to extend radially into the void. An annular, flexible porous portion (68) having a pore size in the range of about 15–90 microns, and preferably about 60 microns, is included with the skirt. The porous portion surrounds the element and is disposed in contact with the tissues of the eye surrounding the void to allow fibrous growth into the pores of the porous portion. A plurality, preferably, six, spoke-like, porous extension (54) may be included.

15 Claims, 4 Drawing Sheets

